

Reserve Oil Inc
"Williams" 1 (029-30514)

sec 26-T255/R25E

Abd 5/61

JOQ 8-20-98

Plugged w/cem 23'-13'

8 3/8" (66#) cem 470'
calc 193cf lead/77cf tail

Plugged w/25 sk cem
490' - 435'

46W
580

Plugged 2030' - 1900'
w/50 sacks cem

TD 3236'
7 5/8" hole

TD 3236
5/61

S T A T U S

Completed Producing _____
 Recompleted Producing _____
 Completed Abandoned _____
 — Uncompleted Abandoned 5-12-61 ✓
 Idle _____

R E C O R D S

Received 5-31-61 Needed

121 ✓ 2 Well Summary _____
 ✓ 2 History _____
 Log & Core _____
 ✓ 1 Lge Sm Elec. Log(s) _____ Lge Sm _____
 Direct. Survey _____
 Other _____

Location _____ ✓
 Elevation _____ ✓
 Release Bond Blanket _____
 Hold Bond Reason _____
 Final letter 6-23-61 _____
~~150b~~ _____
~~170~~ _____
 121 cus _____
 card _____

RECORDS O.K.
 A.G.H.
 6-21-61

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

REPORT OF WELL ABANDONMENT

Bakersfield California

June 23 1961

Mr. Robert P Mangold
Rt 2 Box 434
Bakersfield California
Agent for RESERVE OIL AND GAS CO.

DEAR SIR:

Your report of abandonment of Well No. "Williams" 1,
Sec. 26, T. 25S, R. 25E, MD B. & M., -- field,
Kern County, dated May 23 1961, has been
examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division, which are based on all information filed with it, have been fulfilled.

AGH:cw
cc-Co.

-Conservation Committee

E. H. MUSSER
State Oil and Gas Supervisor

 $B\gamma$

Deputy Supervisor

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS
WELL SUMMARY REPORT

DIVISION OF OIL AND GAS
RECEIVED

MAY 31 1961

SUBMIT IN DUPLICATE

BAKERSFIELD, CALIFORNIA

Operator Reserve Oil and Gas Company Well No. "Williams" #1

Sec. 26, T. 25S, R. 25E, S.B. B. & M. - Field Kern County.

Location 1370' South and 1370' East of the Northwest Corner.

(Give location from property or section corner, or street center line)

Elevation of ground above sea level 303 [±] feet.

All depth measurements taken from top of Kelly Bushing which is 10 feet above ground.
(Derrick Floor, Rotary Table or Kelly Bushing)

In compliance with Sec. 3215, of the Public Resources Code, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date May 23, 1961

Signed P. Mangold

J. Lavery

(Engineer or Geologist)

T. Gray

(Superintendent)

Title Agent

(President, Secretary or Agent)

		GEOLOGICAL MARKERS	DEPTH
Commenced drilling	<u>5-6-61</u>		
Completed drilling	<u>5-11-61</u>		
Total depth	<u>3236</u>	Plugged depth	<u>2030' - 1900'</u>
Junk	<u>490' - 435'</u>		
	<u>23' - 13'</u>		
<u>Abandoned 5-12-61</u>			

Geologic age at total depth: Pliocene

Commenced producing - (Date) Flowing/gas lift/pumping Name of producing zone -
(Cross out unnecessary words)

Initial production
Production after 30 days

Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure

CASING RECORD (Present Hole)

Size of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Drilled	Number of Sacks of Cement	Depth of Cementing if through perforations
<u>8 5/8"</u>	<u>470</u>	<u>Surface</u>	<u>36</u>	<u>Used</u>	<u>Smlss</u>	<u>J-55</u>	<u>12 1/4"</u>	<u>195</u>	

PERFORATED CASING

(Size, top, bottom, perforated intervals, size and spacing of perforation and method.)

Electrical Log Depths 2838', 3235'

(Attach Copy of Log)

MAY 31 1961

BAKERSFIELD, CALIFORNIA

Reserve Oil and Gas Company

Well - "Williams" #1

Section 26, T. 25S, R. 25E.
S.B.B.&M., Kern County

R. P. Mangold

R. P. Mangold, Agent

May 23, 1961

May 5, 1961

John S. Hagestad, drilling contractor, moved in and rigged up the following equipment - A 74' Bender Mast, General Machine drawworks powered by two G.M. 4-71 diesel engines, one Gardner Denver FXZ 7 1/4" x 12" pump, and 3 1/2" Reed IF Drill pipe.

5-6-61

Spudded in at 6:00 AM 5-6-61. Drilled to 470' with one 12 1/4" bit.

5-7-61

Ran 472.50' of 8 5/8", 36#, J-55 casing including Baker guide shoe and cast iron baffle collar. Cemented at 472' with 125 sacks Construction cement with 4% gel and 70 sacks Neat cement. Good returns. Cement in place 5:20 AM. Landed casing. Flanged up blow out preventers. At 6:00 PM ran 7 5/8" drilling set up, drilled out baffle collar and shoe. Drilled 470' - 2845' with four 7 5/8" bits.

5-10-61

Ran induction electric log. Made up tester.

Formation Test Data

Formation test of interval 2850' to 2936'. Ran Tester on 3 1/2" drill pipe with 109' of 5 1/2" drill collars with no cushion; Itco Jars and BR Safety Joint; 1/2" bean in tool. Set 7" bobtail packers at 2843' and 2850' with 86' 5 1/2" perforated tail pipe, including 3 pressure recorders to 2936'. Valve open 1 hour 5 minutes from 5:55 PM to 7:00 PM, date 5-9-61. Weak blow decreasing to very weak by end of test. Shut in at 7:00 PM. Pulled loose at 7:30 PM. Recovered net rise of 516'; slightly watery drilling fluid 825 g/g salinity. Pressure charts showed hydrostatic pressure of 1625 p.s.i. dropping to 200 psi when valve opened, final flow 375 psi, shut in 975 psi. Final hydrostatic 1550 psi.

Conclusion: Zone wet.

5-11-61

Drilled 2845' - 3236' with one 7 5/8" bit. Ran induction electric log, sonic log and dipmeter.

Well - "Williams" #1

Page 1

5-12-61

Ran 3 1/2" open end drill pipe to 2030'. Displaced 50 sacks Construction cement with 3% CaCl₂. Cement in place 3:30 AM. At 7:30 AM felt for and found plug at 1900'. Approved by DOG. Hung drill pipe at 490' and displaced 25 sacks cement with 3% CaCl₂. Cement in place 9:30 AM. At 1:30 PM felt for and found plug at 435'. Laid down drill pipe. Plugged with cement from 23' to 13'. Released rig at 2:30 PM. Well plugged and abandoned.

DIVISION OF OIL AND GAS
RECEIVED

MAY 31 1961

BAKERSFIELD, CALIFORNIA

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T B 461-243

Mr. Robert P. Mangold
Rt 2, Box 434
Bakersfield, California
Agent for RESERVE OIL AND GAS CO.

Bakersfield, Calif.
June 8, 1961

DEAR SIR:

Operations at well No. "Williams" 1, Sec. 26, T. 25S, R. 25E, MD B & M.
----- Field, in Kern County, were witnessed
on May 12, 1961 Mr. A. G. Hluza, representative of the supervisor was present
from 7:15 AM to 8:00 AM. There were also present V. McCall, Driller and R. Hood,
Drilling Foreman
Present condition of well: 8-5/8" cem. 470'; T.D. 3236'; plugged with cement 2030-1900'.

The operations were performed for the purpose of plugging the hole in the process of abandonment.

Mr. Wood.

reported:

1. A 7-5/8" hole was drilled from 470' to 3236'.
2. On May 12, 1961, 50 sacks of cement was pumped into the hole through 3-1/2" drill pipe, hanging at 2030',

The Engineer noted that the cement plug at the reported depth of 1900' supported 5,000 lbs. of the weight of the drill pipe.

THE LOCATION AND HARDNESS OF THE CEMENT PLUG AT 1900' ARE APPROVED.

AGH/bp
cc - Company

On 5-19-61 J. W. Sedlak visited the location and noted cement in the surface pipe and no seepage evident.

E. H. MUSSER
State Oil and Gas Supervisor

By G. G. Pencer Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS

No. P.B. 461-286

Mr. Robert P. Mangold
Rt. 2, Box 434
Bakersfield, California
Agent for RESERVE OIL AND GAS CO.

Bakersfield, Calif.
June 1, 1961

DEAR SIR:

Your _____ proposal to abandon Well No. "Williams" 1,
Section 26, T. 25S, R. 25E, MD B. & M., _____ Field, Kern County,
dated May 28, 1961, received May 31, 1961, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"The present condition of the well is:

1. Total depth: 3236'.
2. Complete casing record, including plugs:
8-5/8" C 470'.

Additional Data for Dry Hole

3. Oil or Gas showings and results of tests:
Test 3850-2936' recovered net rise of 516' watery drilling fluid.
4. Stratigraphic markers and depths: Etchegoin 2625'.
5. Geologic age at bottom: Pliocene.
6. Base of fresh water sands: 1980'."

PROPOSAL:

"The proposed work is

1. Plug with cement 2030-1900'. DOG to witness.
2. Plug with cement 490-450'. Record top of Plug.
3. Place 10' cement plug at surface. DOG to witness.
4. Abandon well and location."

DECISION:

THE PROPOSAL, COVERING WORK ALREADY COMPLETED IN ACCORDANCE WITH PRIOR AGREEMENT,
IS APPROVED.

JFM/bp
Blanket Bond
cc - Company

E. H. MUSSER, State Oil and Gas Supervisor

By G. G. Leeper, Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED

Notice of Intention to Abandon Well

MAY 31 1961

This notice must be given at least five days before work is to begin; one copy only

BAKERSFIELD, CALIFORNIA

Bakersfield Calif. May 28 1961

DIVISION OF OIL AND GAS

In compliance with Division 3, Public Resources Code, notice is hereby given that it is our intention to abandon

Well No. "Williams" #1, Sec. 26, T. 25 S,

R. 25 E, MD B. & M., - Field, Kern County,

commencing work on May 12 19 61.

THE PRESENT CONDITION OF THE WELL IS:

1. Total Depth: 3236'
2. Complete casing record, including plugs:
8 5/8" c 470'

ADDITIONAL DATA FOR DRY HOLE

4. Oil or Gas showings and results of tests:
Test 2850'-2936' recovered net
rise of 516' watery drilling
fluid.

5. Stratigraphic markers and depths:

Etchegoin 2625'

3. Last Produced -
(Date) (Oil, B/D) (Water, B/D)

6. Geologic age at bottom: Pliocene
7. Base of fresh water sands: 1980'

THE PROPOSED WORK IS

1. Plug with cement 2030'-1900'. DOG to witness.
2. Plug with cement 490'-450'. Record top of plug.
3. Place 10' cement plug at surface. DOG to witness.
4. Abandon well and location.

REFERENCE TO FILE OF DATA

Map & US	Bond	Card	Perms
100	Blauvelt	✓	1980' Ell

Rte 2 Box 434, Bakersfield

(Address)

TH 50736

(Telephone No.)

Reserve Oil and Gas Company

By R. Mangold, Agent

ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T B461-221

Mr. Robert P. Mangold
Rt 2, Box 436
Bakersfield, California
Agent for RESERVE OIL AND GAS CO.

Bakersfield, Calif.
May 15, 1961

DEAR SIR:

Operations at well No. "Williams" 1, Sec. 26, T. 25S, R. 25E, MD B & M.
Field, in Kern County, were witnessed
on May 10, 1961. Mr. A. G. Hluza, representative of the supervisor was present
from 11:45 AM to 12:15 PM. There were also present V. McCall, Driller and W. McCall,
Derrickman
Present condition of well: 8-5/8" cem. 470'; T.D. 2936' (Drilling)

The operations were performed for the purpose of inspecting the blowout prevention equipment and
installation.

Mr. ----- reported:

THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED.

AGH/bp
cc - Company

E. H. MUSSER
State Oil and Gas Supervisor

By



Deputy

(B O P E)

Company RESERVE OIL AND GAS COMPANYWell No. "WILLIAMS" 1

The Inspector was present at the well from 11:45A to 12:15P on 5-10-1961 and noted that the well was equipped with the following blowout prevention equipment.

1. A Shaffer double control gate for closing in the well with the drill pipe out of the hole, and for closing around the 3 1/2" drill pipe.

2. A _____ for closing in the well with the drill pipe out of the hole.

3. A _____ for closing around the _____" drill pipe.

4. The controls for the above equipment were located outside the derrick.

5. A 2" mud fill-up line with a 2" high pressure STOPCOCK into the 8 1/8" casing below the above equipment.

* 6. A high pressure _____ -- on the kelly/goose neck/ stand pipe.

Mr. McCALL reported:

1. A 12 1/4" hole was drilled from the surface to 470' and a _____" to _____

2. On MAY 7, 1961, 8 1/8" 36 lb. casing was cemented at 470'

with 125 sacks of cement. PLUS 40% GEL FOLLOWED BY 70 SACKS OF NEAT CEMENT.

3. Cement returned ~~did not return~~ to the surface.

4. An additional _____ sacks of cement was placed around the _____" casing from the surface.

5. The POSITIVE RAMS and the PIPE RAMS WERE each tested under 1000 lb for 15 min., lb for _____ min., and _____ lb for _____ min. respectively.

6. A 7 1/8" hole was being drilled ahead at 2936'.

* 7. A STOPCOCK WAS PLACED ON THE KELLY AFTER THE THE BLOWOUT PREVENTION EQUIPMENT AND INSTALLATION ARE APPROVED. INSPECTION HAD BEEN MADE.

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS

No. P B 461-244

Mr. Robert P. Mangold
Rt 2, Box 434
Bakersfield, California
 Agent for RESERVE OIL AND GAS CO.

Bakersfield, Calif.
May 10, 1961

DEAR SIR:

Your drill proposal to Well No. "Williams" 1
 Section 26, T. 25S, R. 25E, MD B. & M., Field, Kern County,
 dated May 2, 1961, received May 5, 1961, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"Legal description of mineral right lease, consisting of 200.83 acres, is as follows:

NW/4 and N/45 acres of SW/4 of Section 26, T. 25S., R. 25E., M.D.B. & M.

Do mineral and surface leases coincide? Yes.

Location of Well: 1370' S. along section line and 1370' E. at right angles to said line from the NW corner of section 26, T. 25S., R. 25 E., M.D.B. & M.

Elevation of ground above sea level 303±' USGS Topographic datum.

All depth measurements taken from top of K.B. which is 11±' above ground."

PROPOSAL:

"Proposed Casing Program

Size of casing inches A.P.I.	Weight	Grade and Type	Top	Bottom	Cementing Depths
8-5/8"	24#	J-55	surface	400'	400'
4-1/2"	9.5#	J-55	surface	3500'	3500'

Intended zone or zones of completion: San Joaquin Clay or Etchegoin.

Estimated total depth: 3500'.

It is understood that if changes in this plan become necessary we are to notify you before running casing."

DECISION:

THE PROPOSAL IS APPROVED PROVIDED THAT:

1. Fluid consistent with good drilling practice shall be used, and the column of fluid maintained to the surface at all times, particularly while pulling the drill pipe.
2. Sufficient cement shall be pumped back of the 8-5/8" casing to fill to the surface.
3. Adequate blowout prevention equipment shall be installed and maintained in operating condition at all times.
4. Fresh water and oil or gas zones back of the 4-1/2" casing shall be protected, either by lifting cement or by multiple-stage cementing.
5. THIS DIVISION SHALL BE NOTIFIED:
 - a. TO INSPECT the blowout prevention equipment prior to drilling below a depth of 1,000'.
 - b. TO WITNESS a test of the 4-1/2" water shut-off.

JFM/bp
 Blanket Bond
 cc - Company

E. H. MUSSER, State Oil and Gas Supervisor

By E. H. Musser, Deputy

DIVISION OF OIL AND GAS

MAY 5 1961

Notice of Intention to Drill New Well ~~Wellsfield~~ PROSPECT WELL

This notice and surety bond must be filed before drilling begins

29-30514

San Francisco

Calif.

May 2,

1961

DIVISION OF OIL AND GAS

In compliance with Section 3203, Division III, Article 4, Public Resources Code, notice is hereby given that it is our intention to commence the work of drilling well No. "Williams" #1, Sec. 26, T. 25 S., R. 25 E., M.D. B. & M., - Field, Kern County.

Legal description of mineral right lease, consisting of 200.83 acres, is as follows: NW/4 and N/45 acres of SW/4 of Section 26, T.25 S., R.25 E., M.D.B. & M. (Attach map or plat to scale)

Do mineral and surface leases coincide? Yes ☒ No ☐ If answer is no, attach legal description of both surface and mineral leases, and map or plat to scale.

Location of Well: 1370 feet South along section line and 1370 feet East at right angles to said line from the Northwest corner of section 26, T.25 S., R.25 E., M.D.B. & M.

Elevation of ground above sea level 303[±] feet USGS Topographic datum.

All depth measurements taken from top of Kelly Bushing which is 11[±] feet above ground. (Derrick Floor, Rotary Table or Kelly Bushing)

PROPOSED CASING PROGRAM

314[±] KB

SIZE OF CASING INCHES A.P.I.	WEIGHT	GRADE AND TYPE	TOP	BOTTOM	CEMENTING DEPTHS
8-5/8"	24#	J-55	Surface	400'	400'
4-1/2"	9.5#	J-55	Surface	3500'	3500'

Intended zone or zones of completion: San Joaquin Clay or Etchegoin

(Name)

(Depth, top and bottom)

Estimated total depth 3500'

REFERENCE TO FILE OF DATA

US	Bond	Card	Forms
114	121		
WY-2 A-27 5-9-61	Blount	✓	1935 E*

It is understood that if changes in this plan become necessary we are to notify you before running casing.

Address 64 Pine Street
San Francisco 11, California

Telephone Number Exbrook 7-0700

Type of Organization (Corporation, Partnership, Individual, etc.)

Reserve Oil and Gas Company

(Name of Operator)

By

Harold A. Green
Secretary

